

62

Na

HARDY FERNS
AND
WjLD FLOWERS

Catalog for
Spring
And
Fall

LIBRARY
RECEIVED
★ FEB 27 1961 ★
U. S. Department of Agriculture

[1961]

Thomas M. Wood
Constantia,
New York

To My Customers

This little catalog has been carefully prepared for the benefit of new customers and the ones who have already sent orders for which I thank them.

It has been most gratifying the nice letters received and the friends made. I shall endeavor to give good service, and nice plants in the future. If you have any questions you would like to ask, please write and I'll do my best to answer them.

Plants are carefully packed and labeled. If for any reason you do not receive them in good condition, please advise and I will correct it.

PLEASE READ BEFORE ORDERING

On orders of \$3.00 or less, add 50c to help cover postage and packing. On orders over \$3.00 add 10 per cent, if east of the Mississippi River. If west of the Mississippi River, add 15 per cent. If you desire plants sent Special Handling, include 35c to your remittance and mark orders thus.

Shipping Time

Spring season begins about April 1, and ends May 15. By that time the plants are too far advanced to advise shipping. Fall season begins Sept. 1, and ends about Nov. 20, or until the ground freezes. My plants are dug fresh daily, so I can not ship after the ground freezes in the fall, or until it thaws out in the spring.

Planting Time

Wildflowers, Violets and Ferns can be planted in either spring or fall, except a few kinds, you will find described throughout the catalog.

My Guarantee

When you receive plants if you are not entirely satisfied in every way, return the plants to me, and I will refund your money and pay postage both ways.

A certificate of inspection accompanies each shipment.

I do not issue a catalog every year, so please save this one for future use. If for any reason it gets destroyed or lost, write and I will send you another copy.

WILD FLOWERS

BANEBERRY, WHITE---*Actaea alba*. Plant: 1 to 3 ft. high. Leaves lance-shaped, and spreading. White flowers on thickened redish stem, maturing to a cluster of china white berries with purple spot in tip of each berry. Berries stay on until late fall. Grows in shade, neutral or slightly acid soil.

50c each; 3 for \$1.25; 10 for \$4.00.

BANEBERRY, RED---*Actaea rubra*. About the same as white, only has a cluster of bright red berries on slender stems. Fluffy white flowers. Plant is not quite as high. Grows in light shade, moist, acid to neutral soil.

50c each; 3 for \$1.25; 10 for \$4.00.

BUNCHBERRY, DWARF CORNEL---*Cornus canadensis*. Stalks a few inches high, bearing a whorl of oval leaves. Flowers greenish-white, followed by bright red berries that stay on a long time. This is a very pretty little plant. Blooms in July. Grows in light shade, acid, peaty, moist or dry soil. A little slow to get started.

50c each; 3 for \$1.25; 10 for \$4.00.

CARDINAL FLOWER---*Lobelia cardinalis*. This pretty plant grows 2 to 3 ft. high. The showy flower spike is loosely set with deep cardinal flowers. Blooms in Aug.- Sept. Grows in sun or shade, moist neutral or acid soil. 50c each; 3 for \$1.00; 10 for \$4.00.

HEPATICA, ROUND LOBE--- *H. americana*. Flowers $\frac{7}{8}$ in. across, on slender 4 to 6 in. hairy stems, white, pink, lavender or blue. Blooms in early spring, before the leaves uncurl. Leaves are dark green, shiny, tinted with maroon, evergreen. Grows in moderately acid soil. 50c each; 3 for \$1.25; 10 for \$3.50.

HEPATICA, SHARP LOBE---*H. acutiloba*. About the same as round lobe, but the flowers are more showy, and leaf lobes more pointed. Grows in shade neutral soil.

50c each; 3 for \$1.25; 10 for \$3.50.

INDIAN CUCUMBER-ROOT---*Medeola virginiana*. Height 1 to 2 ft. stalk, bearing a whorl of 5 to 9 leaves half way up the stalk, and another whorl of leaves at the tip. Flowers greenish-yellow, followed by purple berries. Blooms in May-June. The roots are pure white, edible, cucumber flavor, whence its name. Grows in shade, acid soil.

50c each; 3 for \$1.00; 10 for \$2.50.

SPIKENARD---*Aralia racemosa*. Height, 2 to 4 ft. compound leaves, heart shaped, and spreading. Flowers greenish-white are arranged in small round clusters, which form a large terminal spike. Fruit, round, dull brown-crimson berry in compact clusters. Blooms in July-Aug. Grows in partial shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

TALL MEADOW-RUE---*Thalictrum polygamum*. Height, 3 to 6 ft. Leaves compound, repeatedly divided in threes. Flowers white, fragrant, numerous, in a large compound inflorescence. Blooms in July-August. Grows in part shade or full sun, moist ground in a variety of soils.

50c each; 3 for \$1.00; 10 for \$3.00.

JOE-PYE-WEED---*Eupatorium purpureum*. Height, 2 to 6 ft. Light green leaves are grouped in a circle around the stalk at intervals. Flowers form dense clusters, dull magenta-crimson. Very showy in Aug.-Sept. Grows in part shade or sun, neutral or acid moist soil.

50c each; 3 for \$1.00; 10 for \$3.00.

MANDRAKE, MAYAPPLE---Podophyllum peltatum. Height, about 12 in. Two umbrella like leaves on ends of branched stalk. One white or pinkish fragrant flower 2 in. across on stem in center of branched stalk. Large yellow fruit, edible, Blooms in May. Grows best in thin shade, neutral soil.

50c each; 3 for \$1.00; 10 for \$2.75.

SARSAPARILLA, WILD---Aralia nudicaulis. Height, 7 to 12 in. Light green leaves. Flower stalk rises from near the root, bearing 3 clusters of greenish white flowers, followed by round, purple-black berries. Grows in shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

PHLOX---Phlox divaricata. Height 1 to 2 ft. Flowers lilac to lavender, in May. Leaves opposite, evergreen. Grows in sun or part shade, rich neutral soil.

50c each; 3 for \$1.00; 10 for \$3.00.

PHLOX, WHITE. Same as the above specie only has white flowers.

50c each; 3 for \$1.25; 10 for \$3.25.

PHLOX, WILD---Phlox paniculata. Height, 2 to 3 ft. Flowers varying from pink, lilac to white. Blooms in July. Grows in part shade, neutral to slightly acid soil.

45c each; 3 for 95c; 10 for \$2.75.

CRINKLEROOT, TWO-LEAF---Dentaria diphylla. Height, 6 to 12 in. White or pinkish flowers in cluster on end of stem. Blooms in April-May. Roots white, edible, smarty flavor. Easy to grow in shade, moderately acid or neutral soil.

50c each; 3 for \$1.00; 10 for \$2.75.

CRINKLEROOT, THREE-LEAF---Dentaria laciniata. Generally resembles the preceding specie, except there are usually three leaves to each item. Grows in same kind of soil. Both species do well planted with Foamflower, Sharp Lobe Hepatica and Maiden Hair Ferns.

50c each; 3 for \$1.00; 10 for \$2.75.

BUTTER AND EGGS---Linaria vulgaris. Grows 12 to 18 in. high. Attractive snapdragon like flowers of clear yellow with orange palate. Blooms throughout the summer. Grows in sun or light shade, dry sandy soil.

50c each; 3 for \$1.00; 10 for \$3.00.

BEE BALM, WILD BERGAMOT--- *Monarda didyma*. Bright red tubular flowers, in cluster. They attract hummingbirds. Leaves broad, thin, coarse toothed. Blooms from July to Sept. Grows in sun or part shade, neutral or any good garden soil.

45c each; 3 for 95c; 10 for \$2.85.

BEE BALM, PINK. Same as the preceding species except has pink flowers. **Bee Balm does better planted in the spring.**

50c each; 3 for \$1.00; 10 for \$2.95.

Trilliums do better planted in the fall.

TRILLIUM, PAINTED---*Trillium undulatum*. Height, 8 to 16 in. Leaves 3 short stemmed, broadest below the middle tapering to a sharp tip, often bronzy. Flowers white, petals marked with crimson at the base. Blooms in May. Grows in shade, acid soil. Does well planted with Pink Ladyslippers. Plant 3 in. deep.

50c each; 3 for \$1.00; 10 for \$3.00.

TRILLIUM, PURPLE---*Trillium erectum*. Height, 8 to 16 in. Leaves 3 broad ovate, dark green. Flowers are single, dark purplish red to deep pink. Fruit a dark six lobed berry. Blooms in April-May. Grows in light shade, neutral soil.

50c each; 3 for \$1.00; 10 for 2.95.

TRILLIUM, WHITE LARGE-FLOWERED---*Trillium grandiflorum*. Height, 10 to 18 in. Flowers white, 2 to 4 in. across, and as they grow older, turn pink, and also stay in bloom a long time. Leaves 3 broad ovate. Blooms in May-June. Grows in light shade, neutral or any good garden soil. Plant 2 in. deep.

70c each; 3 for \$1.75; 10 for \$5.10.

TRILLIUM, NODDING---*Trillium cernuum*. Height, 10 to 15 in. Leaves, pale-green, wavy at the edges. White flowers, drooping under the leaves. Redish-purple berries are ripe in Sept. Blooms in May-June Grows in shade, moist, moderately acid soil. Plant 2 in. deep.

50c each; 3 for \$1.35; 10 for \$4.05.

GOLDEN GROUNDSEL---*Senecio aureus*. Height, 1 to 2 ft. Golden yellow flowers on long stalked heads. Blooms in May. Grows in sun or part shade, moist, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

GOLDEN SEAL---*Hydrastis canadensis*. Orange colored roots, sending up several stalks 8 to 12 in. high. Two maple shaped leaves on each stalk. Greenish-white flowers rise on a short stem from the center of the leaf in early spring, followed by crimson fruit about the size and shape of a raspberry. Grows in part shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$2.75.

FALSE-DRAGONHEAD---*Physostegia virginiana*. Grows about 3 feet high, bearing beautiful spikes of rosy-pink snapdragon like blossoms, that start blooming in July and continues through Sept. Grows in full sun or thin shade, in good garden soil.

50c each; 3 for 90c; 10 for \$2.85.

FALSE-DRAGONHEAD, WHITE. Same as the above species only has white flowers.

50c each; 3 for \$1.00; 10 for \$3.00.

GERANIUM, WOOD---*Geranium maculatum*. A nice plant for the woodgarden. Height, 1 to 2 ft. Leaves broad, deeply cut into sharp toothed divisions. Flowers magenta-pink, at branch tips, very pretty. Blooms in July. Grows in part shade, neutral or moderately acid soil.

45c each; 3 for 85c; 10 for \$2.45.

GERANIUM, MUSK---*Geranium Robertianum*. Leaves compound, the three leaflets deeply cut and toothed, often reddish-tinged. Flowers deep purple, at branch tips. Starts blooming in May, and blooms throughout the summer. Height, 8 to 12 in. Grows in shade, neutral or moderately acid soil

45c each; 3 for 85c; 10 for \$2.40.

FAIRY CANDLES---*Cimicifuga racemosa*. Height, 3 to 5 ft., spreading, slender-stemmed. Has very pretty foliage. Feathery white flowers born in a, 8 to 16 in. long, wand like cluster. Blooms in July-August. Grows in thin shade, rich neutral soil.

50c each; 3 for \$1.00; 10 for \$3.00.

TWIN LEAF---*Jeffersonia diphylla*. Height, 8 to 12 in. Leaves 6 to 8 in. wide, deeply divided into two wings, to which the common name refers. Flowers white, about 1½ in. across, followed by very attractive seed pods. Blooms in May-June. Grows in open shade, rich neutral soil.

60c each; 3 for \$1.60; 10 for \$5.00.

GENTIAN, CLOSED---*Gentian andrewsii*. Height, 1 to 2 ft. Leaves smooth, lance shaped. Flowers tight-closed, like buds that never open, bottle shaped, violet-blue, crowded in a terminal cluster. Some grow from the leaf bases. Blooms in Sept. Grows in sun or shade, moist, neutral or moderately acid soil.

65c each; 3 for \$1.75; 10 for \$5.75.

BLOODROOT---*Sanguinaria canadensis*. Height, 6 to 8 in. heart shaped leaves. White flowers about 1 inch across with golden center. Blooms before the leaves unfold in early spring. Grows in shade, dry rich neutral or a variety of soils.

50c each; 3 for \$1.00 10 for \$2.95.

BLOODROOT, DOUBLE---*Sanguinaria canadensis plena*. Height, 8 to 12 in., heart shaped leaves. Pure white double flowers that stay in bloom a long time. Grows in shade, rich neutral or any good garden soil.

\$2.00 each.

It is better to plant bloodroot in the fall or real early spring.

ROSYBELLS---*Streptopus roseus*. Height, 1 to 2 ft. Stalk, branched, bearing alternate leaves. Little bell-shaped, rose purple flowers are born under the arching stem, followed by red berries, that are very attractive. Blooms in May-June. Grows in shade, acid soil.

60c each; 3 for \$1.45; 10 for \$3.90.

MERRYBELLS, BELLWORT---*Uvularia grandiflora*. Height, 1 to 2 ft. Oblong leaves, evenly arranged on slender stems. Pretty flowers solitary or paired, bell shaped, yellow, nodding near the tip of the graceful stalk. Blooms in April-May. Grows in shade, neutral or moderately acid soil.

50c each; 3 for \$1.00; 10 for \$2.80.

MERRYBELLS, LITTLE---*Uvularia sessilifolia*. Height, 8 to 12 in. This delightful little plant, forms carpets. Flowers pale yellow, hang bell-like on short stems. Blooms in May. Grows in shade, moderately acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

PITCHER PLANT---*Sarracenia purpurea*. This interesting plant, has hollow leaves, basal, and are partially filled with water. Flowers droop like an umbrella, maroon on top and green underneath. Grows in sun or shade, very moist or wet, peaty, neutral or acid soil.

95c each.

TURTLEHEAD, WHITE---*Chelone glabra*. Height, 1½ to 3 ft. Flowers 1 inch long, white with dull purplish tip, resembling a turtles head. Blooms in late summer. Grows in part shade, neutral or moderately acid soil. 50c each; 3 for \$1.00; 10 for \$2.95.

TURTLEHEAD, PINK---*Chelona obliqua*. About the same as the white, only more showy, and has deep pink flowers, 1 inch long. Blooms in late summer. Grows in part shade, in a variety of soils. 50c each; 3 for 95c; 10 for \$2.95.

SOLOMON'S SEAL---*Polygonatum biflorum*. Height, 1 to 2 ft. with graceful arching stalk. Leaves alternate, pale green. Flowers greenish-white in pairs on under side of stalk. Fruit, bluish-green. Blooms in May-June. The popular name relates to the row of scars on the zigzag rootstalk, making a scar each year. Grows in shade, neutral or a variety of dry soils. 50c each; 3 for \$1.00; 10 for \$2.95.

SOLOMON-PLUME, FALSE SOLOMON'S SEAL---*Smilacina racemosa*. Height, 2 to 3 ft., arching stalk. Leaves many, alternate, ribbed, oval. Plume-like spikes of white flowers on end of stalk, in June. The currant-like bunches of aromatic, edible, red berries are ripe in Sept. Grows in partial shade, neutral or any good garden soil. 50c each; 3 for \$1.00; 10 for \$2.95.

STARRY SOLOMON-PLUME---*Smilacina stellata*. Height, 1 to 2 ft. Leaves light blue-green, clasp the zigzag stem. Small but pretty cluster of white flowers, resembling little stars. Berries are first spotted, and finally turn ruby-red. Blooms in May. Grows in partial shade, in a variety of wet or dry soils. 50c each; 3 for \$1.00; 10 for \$3.00.

CELANDINE---*Chelidonium majus*. Bright yellow flowers ¾ in. across with 4 petals. Leaves gray-green, thin, smooth. Height, 1 to 2 ft. Blooms from May through August. Grows in partial shade, in a variety of soils. 50c each; 3 for 95c; 10 for \$2.85.

WOOD-LEEK---*Allium tricoccum*. Lily of the valley like leaves. Small white flowers in cluster, on end of foot high stalk. Grows in shade, neutral soil. 40c each; 3 for 80c; 10 for \$2.35.

DUTCHMAN'S BREECHES---*Dicentra Cucullaria*. Leaves basal, repeatedly divided in a lacy pattern. Flowers white or pinkish with yellow tip, nodding in a row on a leafless arching stalk 6 to 8 in. high, larger petals expanding into spurs resembling a pair of breeches. Blooms in April-May. Grows in shade, neutral soil. Tops die early so are best planted with other wild flowers.

50c each; 3 for \$1.00; 10 for \$3.00.

SQUIRREL CORN---*Dicentra canadensis*. Leaves basal, lacy pattern. The fragrant flowers, white and pinkish, bearing yellowish crests, on 4 to 6 in. arching stems. Blooms in April-May, Grows in neutral or slightly acid soil, in shade. **Better planted in the fall.**

40c each; 3 for 85c; 10 for \$2.00.

SPRING BEAUTY---*Claytonia virginica*. Height, 4 to 6 in. Several stems on one bulb, bearing a pair of long narrow leaves. Flowers white to pink with deep pink veining. Blooms in May. Grows in thin or dense shade, neutral or slightly acid soil. **Better planted in the fall.**

50c each; 3 for 95c; 10 for \$2.85.

JACK-IN-THE-PULPIT---*Arisaema triphyllum*. Height, 1 to 2 ft. Has 1 or 2 large leaves, each divided into 3 leaflets attached to a single stalk. Flowers calla-like, brown-striped, hooded. Blooms in May-June, followed by a large cluster of bright red berries, that stay on until late fall. Grows in part or full shade, neutral or acid soil.

50c each; 3 for \$1.25; 10 for \$3.75.

MITERWORT, BISHOPS-CAP---*Mitella diphylla*. Leaves basal, heart shaped. Flowering stalk, 1 to 2 ft. high bearing a pair of stemless leaves two thirds up the stalk, from which the flower spike, 3 to 6 in. long rises. Flowers white, delicately fringed. Blooms in May. Related to the foamflower but more graceful. Grows in neutral or moderately acid soil.

50c each; 3 for \$1.20; 10 for \$3.00.

TROUTLILY, YELLOW ADDER'S TONGUE, DOGTOOTH VIOLET---*Erythronium americanum*. Height, 6 to 8 in. Flowers lily shaped, petals golden yellow inside, bronzy outside. Leaves mottled with brown and white. Blooms in early spring. Grows in thin shade, or sun. **For more blooms, plant in the fall, 4 in. deep in rich moderately acid soil.**

50c each; 3 for \$1.00; 10 for \$2.90.

GINSENG---**Panax quinquefolium**. Has a stalk rising 8 to 24 in. high, three short stems branching at top of stalk, with five deep-green compound leaves on each stem. Greenish flowers, followed by a large cluster of bright red berries in Sept. Grows in shade, slightly acid to neutral humus rich soil. **Plant in fall only.**

75c each; 3 for \$2.00; 10 for \$6.00.

GINSENG, DWARF---**Panax trifolium**. White flowers in cluster, rising from a whorl of compound leaves, on stems a few inches high. Blooms in May. Grows in sun or shade, neutral or acid soil. **Plant in the fall.**

50c each; 3 for 90c; 10 for \$2.55.

BLUE COHOSH---**Caulophyllum thalictroides**. Height, 1 to 2 ft., bearing a brack of compound leaves. Flowers small, bronzy green with yellow center. Its large blue berries hang on in late summer, which are very attractive. Grows in shade or part shade, in neutral or a variety of dry soils.

50c each; 3 for \$1.00; 10 for \$2.85.

SNAKEROOT, WHITE---**Eupatorium rugosum**. Height, 2 to 3 ft. Leaves opposite, toothed, deep green. Flowers white (not dull) in clusters. Blooms from August to October. Grows in part shade, neutral or slightly acid soil.

50c each; 3 for 85c; 10 for \$2.50.

STONEROOT, CITRONELLA---**Collinsonia canadensis**. Grows 2 to 3 ft. high, branched stalk bearing golden yellow flowers, with a distinct lemony odor. Blooms in Aug.-Sept. Grows in part shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$2.85.

WOOD BETONY---**Pedicularis canadensis**. Height, 5 to 12 in. Soft, hairy, dark green leaves. The flower cluster is dome-shaped, yellow with a shade of red. Blooms in May. Grows in thin shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

CATNIP---**Nepeta Cataria**. Flowers pale lilac-white spotted, are gathered in terminal clusters two to three inches long. Height, 2 to 3 ft., square stem. Leaves round toothed, sage green, strongly aromatic when crushed. Grows in sun, in a variety of rich soils.

45c each; 3 for 90c; 10 for \$3.00.

CANADA MAYFLOWER, WILD LILY OF THE VALLEY---*Maianthemum canadense*. Height, 3 to 6 in. White flowers in cluster on end of stalk, fragrant. The pretty berries are yellow-white spotted with madder-brown, until fall, then, they turn ruby red. Blooms in May-June. Grows in thin shade, acid soil.

45c each; 3 for 90c; 10 for \$2.60.

WILD GINGER, MOTTLED---*Asarum Shuttleworthii*. Height, 4 to 6 in. Leaves heart shaped, light green, shiny, often mottled with white. Flowers red-brown spotted. Blooms in May. Grows in shade, neutral to acid soil

60c each; 3 for \$1.50; 10 for \$5.00.

COMMON MILKWEED---*Asclepius syriaca*. Height, 2 to 3 ft. Flowers varied in color, from crimson-pink to lavender-brown, very fragrant, and are visited by butterflies. Blooms in July. The stalks cut and dried with the seed pods on are used for winter bouquets. Grows in sun, acid soil. Plant 3 or 4 inches deep

50c each; 3 for \$1.00; 10 for \$3.00.

WATERLEAF, BROADLEAVED---*Hydrophyllum canadense*. Height, 12 to 18 in. Leaves about the size and shape of a maple leaf. Flowers white, funnel shaped. Blooms in July. Grows in thin shade, neutral to slightly acid soil.

50c each; 3 for 85c; 10 for \$2.50

WATERLEAF, LAVENDER---*Hydrophyllum appendiculatum*. Height, 12 to 18 in. Leaves mottled. Flowers lavender or violet, funnel shaped, in clusters. Blooms in June. Grows in thin shade, neutral soil.

50c each; 3 for \$1.00; 10 for \$3.00.

WOOD SORREL, OXALIS---*Oxalis montana*. Height, 3 to 4 in. Pretty flowers $\frac{3}{4}$ in. across, pinkish white, striped with crimson lines. Blooms in July. Leaves light green, which fold together after nightfall. Grows in shade, acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

CLEMATIS, VIRGIN'S-BOWER---*Clematis virginiana*. Plants 8 to 12 ft., climbing. Flowers greenish-white, fragrant, in clusters. Blooms in August, followed by feathery clusters of the withered styles, which are very attractive. Grows in sun or part shade, neutral or acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

CATTAIL---*Typha latifolia*. Height, 3 to 6 ft. Leaves sheathing at the base, tall. Flowers yellowish, encircling the upper end of the flowering stalk, which develops into the large brown cat-tail, that stays on into the winter. Grows in sun, very wet neutral or slightly acid soil
50c each; 3 for \$1.00; 10 for \$3.00

BLUEFLAG, IRIS---*Iris versicolor*. Lavender-blue flowers, bases yellow, with bronzy veinings on stalks 2 ft. high. Blooms in early summer. Grass-like leaves set edge to edge. Grows in sun or shade, but blooms better in sun. Neutral or acid wet or dry soil.
50c each; 3 for \$1.00; 10 for \$3.00.

RATTLESNAKE PLANTAIN---*Goodyera pubescens*. Leaves several, basal, blue-green prominently veined with white. Flowers greenish white, on 6 to 10 in stalk. Grows in shade, acid soil.
65c each; 3 for \$1.75; 10 for \$5.00.

WILD CALLA---*Calla palustris*. Height, 6 to 10 in. Leaves heart shaped. Flowers greenish-white, backed by a shell-like white brack. Grows in thin shade, wet acid soil.
50c each; 3 for 90c; 10 for \$2.50.

GREAT BLUE LOBELIA---*L. siphilitica*. Height, 1 to 3 ft. Flowers bright blue 1 in. long in a terminal, spire-like cluster. Blooms in late summer. Grows in partial shade, wet neutral or slightly acid soil.
60c each 3 for \$1.30; 10 for \$3.90.

SPIDERWORT---*Tradescantia virginiana*. Height, 1 to 1½ ft. Upright stems, with light green, long narrow leaves. Flowers have three purplish-blue petals, and showy golden anthers. Blooms from June until Sept. Grows in sun or open shade, in rich neutral or moderately acid soil.
50c each; 3 for 85c; 10 for \$2.50.

MARSH MARIGOLD---*Caltha palustris*. Height 8 to 12 in. Leaves heart shaped. Flowers are 1 in. across, bright yellow. A bed of them makes a mass of blooms, in early spring. Grows best in wet neutral or acid soil, in sun or shade.
50c each; 3 for \$1.00; 10 for \$3.00.

GOLDENRODS, YELLOW MIXED. Make a good support for Climbing Ferns to climb on.
10 for \$2.50.

CREEPING-CHARLEY, MONEYWORT---*Lysimachia Nummularia*. This attractive little plant, forms carpets. Leaves short stemmed, small, round, shiny, dark green. Flowers light golden yellow, that grow from junctions of leaf stalk and plant stem, in pairs. Blooms in July-August. Grows in partial shade, in a variety of soils. Makes good ground cover.

50c each; 3 for 90; 10 for \$2.60

LADYSLIPPER, PINK---*Cypripedium acaule*. Two large leaves, basal, hairy. Flowers, moccasin shaped, pink with red veins, on stalks 10 to 15 in. high. Blooms in May-June. Grows best in part shade, moist or dry, strongly acid soil.

55c each; 3 for \$1.45; 10 for \$4.35.

LADYSLIPPER, LARGE YELLOW---*Cypripedium pubescens*. Bright yellow flowers solitary (or a pair), born on a leafy stalk 12 to 16 in. high. Blooms in May. Grows in shade, neutral soil.

65c each; 3 for \$1.75; 10 for \$5.25.

LADYSLIPPER, SHOWY---*Cypripedium reginae*. White flowers flooded with rose or crimson, 1 or 2 in number (occasionally 3) to a stalk. Height, 1½ to 3 ft. Blooms in July. Grows in light shade, humus-rich neutral soil

\$1.50 each.

CHECKERBERRY---*Gaultheria procumbens*. Stems slender, creeping underground, sending up shoots a few inches high. Forms carpets, evergreen leaves at shoot tips. Flowers white in leaf axis, nodding, in cluster, followed by red berries, edible, which stay on all winter and into the summer. Grows in sun or part shade, dry or moist acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

ASTER, HEATH---*Aster ericoides*. 1 to 2 ft. high. Leaves tiny heartlike, light green. Small white flowers with yellow discs lightly tinted with magenta. Like miniature daisies. Blooms in Sept. Oct. Grows in sun, in a variety of soils.

50c each; 3 for 90c; 10 for \$2.60.

ASTER, LARGE-LEAVED---*Aster macrophyllus*. About 2 ft. high. Leaves large 4 to 6 in. long, dark green. Flowers bluish lilac. Blooms in Sept. Grows in partial shade, neutral soil.

50c each; 3 for 90c; 10 for \$2.60.

ASTER, PURPLE STEMMED---*Aster puniceus*. 3 to 5 ft. high, purple stem, hairy and stout. Leaves light green. Flowers about the size of a quarter, light violet to lilac-purple. Blooms in Sept. Grows in sun, moist neutral or slightly acid soil.

50c each; 3 for 90c; 10 for \$2.60.

ASTER, WOOD---*Aster acuminatus*. About 18 in. high. Leaves sharp-pointed, light green. Flowers about 1 in. across, white or pinkish with magenta center. Blooms in August-Sept. Grows in shade, neutral soil.

50c each; 3 for 90c; 10 for \$2.60.

ASTER, WHITE WOOD---*Aster divaricatus*. About 2 ft. high. White flowers with yellow center, fading to reddish brown. Grows in partial shade, dry neutral or moderately acid soil.

50c each; 3 for 90c; 10 for \$2.60.

ASTER, WHITE---*Aster umbellatus*. Plant: 2 to 5 ft. high. Leaves long lance shaped. Small white flowers, numerous, in flat topped clusters, that stay on for a long time. Blooms in Aug.-Sept. Grows in sun or thin shade, moist, neutral or acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

ASTER, NEW ENGLAND---*Aster novae-angliae*. Height, 2 to 3 ft. One of the showiest of native asters. Flowers violet to red-purple 1½ in. across. Leaves oblong, clasping the stalk. Blooms in late summer. Grows in sun, neutral soil.

50c each; 3 for \$1.00; 10 for \$3.00.

PARTRIDGEBERRY---*Mitchella repens*. An evergreen creeper with small, round, shiny opposite leaves. Flowers white shaded with pink, in pairs, fragrant. Fruit, edible, bright red berries, that stay on all winter. Desirable as a ground cover, and are very attractive to have in the house in winter, in a glass bowl. Grows in shade, acid moist or dry soil.

50c each; 3 for \$1.00; 10 for \$3.00.

WATERLEAF, VIRGINIA---*Hydrophyllum virginianum*. 12 to 16 in. high. Leaves mottled, as though water stained. Flowers in clusters, funnel shaped, white to lavender. Blooms in June. Makes a good ground cover. Grows in partial shade, neutral to acid soil.

50c each; 3 for \$1.00; 10 for \$2.90.

WILD GINGER, CANADA SNAKEROOT—*Asarum canadense*. Height, 4 to 6 in. Heart shaped leaves which have aromatic sap when crushed, also the roots. Has peculiar, red-brown, jug-like flowers. Blooms in May. Makes a good ground cover, easy to get established. Grows in shade, neutral or acid soil.

50c each; 3 for 90c; 10 for \$2.65.

PAD-LEAF ORCHID—*Habenaria orbiculata*. Leaves, two, large shiny, green 6 to 8 in. across, that lay flat on the ground, which are very attractive. Whitish yellow-green flowers in loose cluster, encircling the spike about 1½ ft. high. Blooms in July. Grows in cool shade, acid soil.

\$1.00 each.

ALUMROOT—*Heuchera americana*. Small green-bronzy cup-shaped flowers on 2 ft. leafless stalk. Leaves green mottled with white, 3 in. wide. Makes very beautiful groundcover. Grows in shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

FOAMFLOWER—*Tiarella cordifolia*. Grows 6 to 8 in. high. Maple shaped leaf, hairy and dark green. Small white flowers on feathery spikes well above the foliage. Very attractive. Blooms in May-June. Grows in shade or part shade, neutral or acid soil. Makes excellent ground cover.

50c each; 3 for 95c; 10 for \$2.75.

COLTS-FOOT—*Tussilago Farfara*. Height, 6 to 12 in. Flowers yellow, 1 in. across, while in bud resembling a small horse hoof, to which the name refers. Maple shaped leaves, appearing after flowers fade. Blooms in early spring. Grows in light shade or sun, neutral soil.

50c each; 3 for \$1.00; 10 for \$3.00.

GROUND IVY—*Prunella vulgaris*. This fast growing little plant makes good ground cover. Leaves round 1 to 1½ in. Flowers light blue or violet, in clusters. Grows in shade or sun, in a variety of soils.

40c each; 3 for 85c; 10 for \$2.25.

EVENING PRIMROSE—*Oenothera biennis*. Biennial. Flowers yellow about 1 in. across, opening in late afternoon. Blooms in summer and early autumn. Grows in sun, in a variety of soils.

50c each; 3 for 85c; 10 for \$2.50.

GOLDTHREAD---*Coptis groenlandica*. This little plant, forms carpets of shiny evergreen leaves a few inches high. Leaves basal, divided into 3 rounded sharp toothed lobes. Underground roots slender, golden yellow. White flowers that bloom in June. Grows in acid soil. Used for ground cover.

40c each; 3 for 85c; 10 for \$2.45.

CANADA ANEMONE---*Anemone canadensis*. Height, 1 to 2 ft. Leaves near the bottom of the stalk, long stemmed, also higher leaves from which the flowering stem appears. Flowers white with golden centers. Blooms in May. Grows in open shade, neutral or somewhat acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

STAR VIOLET---*Dalibarda repens*. Plant low. Leaves dark green, heart shaped, evergreen. Flowers small, white, star shaped, solitary. Blooms in August. Grows in shade, acid soil. Makes a good ground cover.

50c each; 3 for \$1.00; 10 for \$3.00.

WOOD STRAWBERRY---*Fragaria vesca*. This is the true wood strawberry. Shiny dark green leaves. Flowers white. Fruit red, delicious flavor, conical, shiny smooth surface. Grows in shade, neutral or slightly acid soil.

50c each; 3 for 95c; 10 for \$2.57.

WILD WHITE STRAWBERRY. Flowers white. Berries white or cream colored. Grows in sun, neutral or acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

SWAMP MILKWEED---*Asclepias incarnata*. Several branched stalks 2 to 4 ft. high, bearing large clusters of pinkish-red, showy flowers and are visited by butterflies. Blooms in midsummer. Grows in sun, wet, neutral or somewhat acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

ORANGE HAWKWEED---*Hieracium aurantiacum*. Height, 8 to 16 in. Leaves hairy, in rosette at base of stalk. Flowers bright orange-red $\frac{3}{4}$ in. across. Grows in sun, acid soil.

45c each; 3 for 85c; 10 for \$2.25.

YELLOW HAWKWEED---*Hieracitum pratens*. Height, 1 to 2 ft. Leaves long, hairy, basal. Flowers bright yellow $\frac{3}{4}$ in. across. Grows in sun, acid soil.

45c each; 3 for 85c; 10 for \$2.25.

VIOLETS

BIRDS-FOOT VIOLET---*Viola pedata*. Leaves fan shaped, with multiple narrow divisions. Flowers violet, $\frac{3}{4}$ to 1 in. across. Grows in sun or light shade, dry sandy acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

BI-COLORED BIRDS-FOOT VIOLET---*Viola pedata*. One of the most beautiful of the violets. Upright petals, velvety purple, lower petals violet-blue. Grows in light shade, or full sun, dry sandy acid soil.

60c each; 3 for \$1.50; 10 for \$5.00.

COMMON BLUE, MEADOW VIOLET---*Viola papilionacea*. Leaves deep green. The flowers vary from light purple to pale violet. Grows in shade or sun, neutral or slightly acid soil.

45c each; 3 for 85c; 10 for \$2.25.

CANADA VIOLET---*Viola canadensis*. Height, 8 to 12 in. Leafy stemmed. Flowers white with yellow eye, lilac shaded on back of petals. Blooms in June and also a few blooms in the fall. Grows in shade, neutral or moderately acid soil.

45c each; 3 for 95c; 10 for \$2.65.

DOG VIOLET---*Viola conspersa*. Small heart-shaped, yellow-green leaves. Small purple or violet flowers. Blooms in May-June. Grows best in shade, moist, slightly acid soil.

45c each; 3 for 95c; 10 for \$2.65.

DOWNY YELLOW VIOLET---*Viola pubescens*. Flowers bright yellow. Leaves, soft and downy. Blooms in May. Grows in shade, dry neutral soil.

60c each; 3 for \$1.50; 10 for \$5.00.

LONGSPUR VIOLET---*Viola rostrata*. Flowers lavender, born in axils of leafy bracts, petals veined. Small heart shaped leaves. Grows in partial shade, neutral soil.

45c each; 3 for 95c; 10 for \$2.65.

FRAGRANT BLUE VIOLET---*Viola odorata*. Flowers dark blue, very fragrant. Blooms in early spring. Spreads by runners. Grows in sun, or partial shade, in any good garden soil.

50c each; 3 for \$1.25; 10 for \$3.75.

YELLOW BEADLILY—*Clintonia borealis*. Height, 6 to 10 in. Leaves short-stemmed, basal, shiny, dark green. Flowers bellshaped, yellow, from 3 to 6 in. on 7 inch stem. Blooms in June, followed by attractive berries, that are pure blue, not purplish tinge, which is rare in nature. Makes a good ground cover. Grows in shade, acid soil. 50c each; 3 for 90c; 10 for \$2.50.

BLUE VERVAIN—*Verbena hastata*. Grows 3 to 4 ft. high. Flowers are deep purple or violet, on several spikes that branch upward. Blooms from July to Sept. Grows in sun, moist ground, in a variety of soils. 50c each; 3 for \$1.00; 10 for \$3.00.

VERBENA, MIDLAND VERVAIN—*V. canadensis*. 12 in. stalk, much branched. Leaves 3 lobed, coarsely toothed. Flowers in cluster on short spikes, lavender, sometimes rose. Blooms over a long season. Grows in sun, neutral to slightly acid soil. 50c each; 3 for \$1.25; 10 for \$3.75.

POKE—*Phytolacca americana*. Grows several ft. high. Branched groups of small purplish-white flowers. Redish-purple berries that birds eat in late fall. Grows in sun or partial shade, in a variety of soils. 50c each; 3 for \$1.00; 10 for \$2.85.

PLANTAIN-LEAVED SEDGE—*Carax plantaginea*. Stalks 6 to 12 in. high, bearing a compound group of tiny greenish flowers. Leaves, evergreen, grass-like, long narrow, mostly in a rosette. Easily cultivated and used as a ground cover. Grows in shade, neutral or slightly acid soil. 50c each; 3 for 95c; 10 for \$2.65.

PALE VIOLET---*Viola striata*. Large white or cream colored flowers, three lower petals striped with purple veins. Heart shaped leaves. Blooms in June. Grows in shade, neutral soil.

50c each; 3 for \$1.00; 10 for \$2.85.

PALE EARLY VIOLET---*Viola affinis*. Grows about 3 in. high. Leaves thin, smooth. Flowers pale violet, conspicuously white at throat. This very pretty little violet, blooms in early spring. Grows in shade, neutral soil.

40c each; 3 for 85c; 10 for \$2.45.

ROUND LEAF YELLOW VIOLET---*Viola rotundifolia*. Golden yellow flowers appear before the leaves, in early spring. Grows in shade, dry neutral or slightly acid soil.

45c each; 3 for 90c; 10 for \$2.25.

SMOOTH YELLOW VIOLET---*Viola eriocarpa*. Leafy stemmed, 8 to 12 in high. Yellow flowers in June, also has a few blooms in the fall. Grows in shade, neutral or slightly acid soil.

40c each; 3 for 80c; 10 for \$2.00.

SWEET WHITE VIOLET---*Viola blanda*. Sweet scented small white flowers with purple veined petals. Heart shaped, olive green leaves. Grows in sun or shade, in a variety of soils.

40c each; 3 for 80c; 10 for \$2.00.

CONFEDERATE VIOLET. Flowers white with blue center, $\frac{3}{4}$ to 1 in. across. Blooms in June. Grows in partial shade, in any good garden soil.

45c each; 3 for 85c; 10 for \$2.20.

JESSIES RED VIOLET. Flowers red. Blooms in May, and also a few flowers in the fall. Grows in partial shade, in any good garden soil.

45c each; 3 for 90c; 10 for \$2.25.

MOTTLED VIOLET. Flowers blue, mottled with white, very pretty. Blooms in May. Grows in partial shade, neutral or slightly acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

ROYAL ROBE VIOLET. Large deep blue flowers on long stems. Blooms in June. Leaves light green. Grows in light shade, in a variety of soils.

50c each; 3 for \$1.00; 10 for \$3.00.

FERNS

BERRY BLADDER FERN—*Cystopteris bulbifera*. Long narrow fronds, 18 to 30 in., gradually tapering to a slender point, pinkish stems. Common name derived from bulblets born on the under side of the fronds, these drop and form new plants. Grows in shade, neutral soil preferred. 50c each; 3 for \$1.00; 10 for \$3.00.

CHRISTMAS FERN—*Polystichum acrostichoides*. Evergreen narrow fronds, 18 to 36 in. A good fern to grow indoors. Grows in dense or light shade, neutral or slightly acid soil. 50c each; 3 for \$1.00; 10 for \$3.00.

CRESTED SHIELD, CRESTED WOOD FERN—*Dryopteris cristata*. Attractive narrow fronds, 12 to 30 in. The spor-bearing fronds are much larger than the infertile ones, and the latter are evergreen. Grows in shade, moderately acid soil. 50c each; 3 for \$1.00; 10 for \$2.90.

CINNAMON FERN—*Osmunda cinnamomea*. Height, 2 to 6 ft. Light green fronds, in circular clumps. Fertile fronds appear first and are shorter, first bright green, later turning a cinnamon brown. Grows in part shade, or full sun, moist or wet, acid soil. 60c each; 3 for \$1.65; 10 for \$5.00.

GOLDIES FERN—*Dryopteris Goldiana*. The big, broad, oval fronds, 2 to 3 ft. high, are dark blue-green, lighter underneath, slightly curved and rounded at the tips. A palm like fern, very pretty, and easy to get established. Grows in shade, humus rich, neutral or slightly acid soil. 50c each; 3 for \$1.35; 10 for \$3.75.

INTERRUPTED FERN—*Osumunda Claytoniana*. Height, 2 to 5 ft. They are very similar to the Cinnamon fern, only the outer fronds are light green, with a bluish overtone. Likes part shade, but will grow in sun, moist, neutral or acid soil. 65c each; 3 for \$1.75; 10 for \$5.25.

HAIRY LIP FERN—*Cheilanthes lanosa*. This pretty little fern grows in clumps, 4 to 10 in. Fronds, dark green, shiny brown stems. Grows in partial shade, neutral or acid soil. 60c each; 3 for \$1.65; 10 for \$5.00.

EBONY SPLEENWORT FERN---*Asplenium platyneuron*. The fertile fronds are much taller than the sterile ones and stand stiffly erect, 8 to 20 in. high. The sterile fronds are 4 to 6 in. high, lustrous dark brown stems. Grows in shade, indifferent to soil acidity.

60c each; 3 for \$1.60; 10 for \$4.90.

HAY-SCENTED FERN---*Dennstaedtia punctilobula*. Delicate, light green, 12 to 30 in. fronds. Fine for the rock garden. A very hardy and quick-growing, attractive fern. The fronds may be cut freely without injury to the fern. Grows in full sun or partial shade, acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

HARTFORD OR CLIMBING FERN---*Lygodium palmatum*. Fronds: 18 to 40 in. long, from which twin maple-shaped leaves about 2 inches in diameter diverge at frequent intervals. Nice planted along a fence or where it has something to climb on. Goldenrods planted along with the ferns, make a good support. Grows best in light shade, acid soil.

60c each; 3 for \$1.50; 10 for \$4.45.

MARGINAL SHIELD FERN---*Dryopteris marginalis*. 12 to 30 in. fronds growing in circles. Fertile and sterile fronds alike. Fruit dots large, round, blue-black, at the very edges of the pinnules. This very pretty fern should be in every woodsgarden. Grows in shade, neutral or acid soil.

60c each; 3 for \$1.50; 10 for \$4.45.

OSTRICH FERN---*Pteretis pensylvanica*. The very graceful fronds, grow in a circle, broadest about one third way from the tip and narrowing gradually to the bottom. Fertile fronds come up in July, in the midst of the others, they are shorter and stay on all winter, while the sterile fronds wither earlier. Height, 2 to 6 ft. Remembrance in shape to an ostrich plume. Grows in shade, neutral to acid soil.

60c each; 3 for \$1.50; 10 for \$4.50.

SILVERY SPLEENWORT FERN---*Athyrium thelypteroides*. Slim, graceful, yellow stemmed, 20 to 40 in. fronds. Fruit dots narrow, and curved away from the midveins, at an oblique angle, giving a silvery sheen to the backs of the fronds, as they wave in the wind, whence the reason for its name. A beautiful fern, and easy to get established. Grows in neutral or moderately acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

MARSH FERN—*Dryopteris Thelypteris*. Fronds, 12 to 30 in. long, grayish green, pointed oval, bronzy-brown below. Sterile fronds appear early in the spring. Fertile fronds, longer and narrower are produced only during the summer. Grows in sun or partial shade, moist, humus rich, moderately acid soil.

50c each; 3 for \$1.00; 10 for \$2.75.

MOUNTAIN SHIELD FERN—*Dryopteris spinulosa*. Dark green fronds, 20 to 35 in. long, which stay green, until early winter, or sometimes spring. Fronds are used in floral arrangements. They keep for a long time after being picked if kept moist. Good for the rock garden in shade, grows in neutral or acid soil.

50c each; 3 for \$1.00; 10 for \$3.00.

MAIDENHAIR FERN—*Adiantum pedatum*. Unlike any other fern, its delicate 12 to 20 in. fronds, with polished mahogany stems, spread their pinnae horizontally in a nearly perfect circle., New fronds are produced all summer. Easy to grow and spreads by dark slender roots just below the groundlitter. Grows in neutral to acid soil, in shade.

50c each; 3 for \$1.00 ; 10 for \$3.00.

ROYAL FERN—*Osmunda regalis*. Height, 1 to 4 ft. Nile or pea-green fronds grow in a round cluster. Stems divide into five to nine pairs on opposite branches, each of which bear six or more pairs of long-oval pinnules. This imposing and beautiful fern well deserves its name. Grows in sun or partial shade, moist, neutral to acid soil.

60c each; 3 for \$1.65; 10 for \$5.00.

SENSITIVE FERN—*Onoclea sensibilis*. Height, 10 to 18 in. Deeply cut, yellowish-green fronds, giving an oak leaf appearance. The fertile fronds appear in late summer, and stay upright, through the winter. It is very sensitive to frost, whence it gets its name. Grows in sun or shade, moist or wet, acid to neutral soil.

50c each; 3 for 95c; 10 for 2.55.

UMBRELLA FERN, BRACKEN—*Pteridium aquilinum*. Height, 1 to 3 ft. Resembles the Maidenhair Fern in shape, only taller and coarser. Stem brown toward the base and green above. Grows luxuriantly, sending up showy fronds all summer. Grows in sun, in acid poor soil, but occasionally found in neutral areas. Plant about 3 in deep.

50c each; 3 for \$1.00; 10 for \$3.00.

NEW YORK FERN—*Dropteris noveboracensis*. Yellow green fronds, 8 to 24 in. long, narrowly oval, whose pinnae are longest near the middle and shorter and farther apart near the bottom. Their stems are pale green. Grows in partial shade, neutral or acid soil. 50c each; 3 for \$1.00; 10 for \$3.00.

NARROW BEECH FERN—*Dryopteris Phegopteris*. Fronds, 12 to 18 in. long, brown stemmed, pointed, oval, narrow, slightly curved. Fertile fronds are somewhat taller and narrower than the sterile ones and do not appear until summer. Fruit dots oblong, slightly curved and very numerous. Grows in partial shade, acid soil. 50c each; 3 for \$1.00; 10 for \$3.00.

BROAD BEECH FERN—*Dryopteris hexagonoptera*. Fronds, 12 to 24 in. long, closely resembling the preceding species, but is broader and taller. Grows in partial shade, moderately acid soil. 50c each; 3 for \$1.00; 10 for \$3.00.

NARROW LEAVED SPLEENWORT FERN—*Athyrium pycnocarpon*. Height, 20 to 40 in. Narrow fronds, slightly curved. Fertile fronds are taller and narrower. Grows in shade, neutral or slightly acid soil. 50c each; 3 for \$1.00; 10 for \$3.00.

TOOTHED WOOD FERN—*Dryopteris intermedia*. Has a cluster of fronds 10 to 16 in. high, slightly curved, light green. Pinnules deeply toothed. Prefers humus rich soil, which may be acid, neutral or slightly alkaline. Easy to get established in shade. 50c each; 3 for \$1.00; 10 for \$3.00.

NORTHERN LADY FERN—*Athyrium angustum*. Light green fronds from 12 to 36 in. long. Stems greenish-yellow, sometimes wine-colored. Fruit dots kidney-shaped, curving away from the midveins. Grows in sun or shade, preferring moist, rich, acid soil. 50c each; 3 for \$1.00; 10 for \$2.95.

VIRGINIA CHAIN FERN—*Woodwardia virginica*. Very graceful fronds 2 to 3 ft. long, slightly curved, light green, with smooth black stems, produced at intervals all summer. Oblong fruit dots and are born in line, like the links of a chain. Grows in moist or wet, acid to neutral soil, in partial shade. Plant about 3 in. deep. 50c each; 3 for \$1.00; 10 for \$3.00.

COMMON BLADDER FERN---*Cystopteris fragilis*. Emerald-green fronds are narrowly pointed and loosely clustered, from 4 to 18 in. long, produced continuously all summer. Fruit dots small, round, are ripe in July. Grows in neutral to acid soil.

50c each; 3 for \$1.00; 10 for \$2.95.

RATTLESNAKE FERN---*Botrychium virginianum*. 1 to 2 ft. light green fronds, appear early in the spring and last through the summer. Spores-sulphur color and are ripe in early July. Grows in shade, neutral or slightly acid soil. Does better planted in the fall.

50c each; 3 for \$1.00; 10 for \$3.00.

COMMON GRAPE FERN---*Botrychium obliquum*. Evergreen fronds, turning bronzy in late fall, 4 to 12 in. long. Spore-cases, resemble tiny grapes and are filled with golden-yellow spores, that ripen in Sept. Grows in partial shade, slightly acid soil.

60c each; 3 for \$1.65; 10 for \$4.75.

COMMON POLYPODY, ROCK-CAP FERN---*Polypodium virginianum*. Small evergreen fronds 4 to 12 in long, usually forms dense mats of foliage. Grows in shade, in soils of various degrees of acidity.

50c each; 3 for \$1.25; 10 for \$3.75.

FERN ALLIES

Fern allies are evergreen plants that grow in acid, not too rich soil. They make a good ground cover, and are used for winter decorations, and to make wreaths. 50c each; 3 for \$1.00; 10 for \$3.00.

RUNNING PINE—*Lycopodium clavatum*. Its color is vivid green, long running vine. Grows in partial shade, acid soil.

SHINING CLUB MOSS—*Lycopodium lucidulum*. Shiny, dark green, about 4 to 6 in. high. Grows in shade, acid to neutral soil.

FLAT-BRANCH GROUND PINE—*Lycopodium obscurum*. Resembles a miniature evergreen tree, 6 to 8 in. high. Rich green color. Grows in partial shade, acid soil.

GROUND CEDAR—*Lycopodium complanatum*. A running vine, light green. Grows in light shade, acid soil.

MISCELLANEOUS PERENNIALS

MYRTLE—*Vinca minor*. Hardy evergreen creeper, dark blue flowers in May. The ground cover that stays green all winter, disease free and resists insects. Grows in sun or shade, in a variety of soils. 40c each; 3 for 75c; 10 for \$2.00.

CHINESE LANTERN—*Physalis Alkekengi*. Grown for its bright red, lantern-shaped fruits which, when cut and dried, are used for winter bouquets, will keep for weeks. Grows in sun, in ordinary garden soil. 50c each; 3 for 95c; 10 for \$2.75.

MALTESE CROSS—*Lychnis chalcidonica*. Height, about 3 ft. Scarlet flowers. Blooms in June-July. Grows in sun, in ordinary garden soil. 50c each; 3 for \$1.00; 10 for \$2.95

PINK PHLOX. Hardy, resistant to disease, about 3 ft. high. Large flower heads. Blooms in Aug. Grows in sun, in a variety of soils. 50c each; 3 for 95c; 10 for \$2.75.

YELLOW PHLOX. About 3 ft. high, yellow flowers, Blooms in July. Grows in sun, any good garden soil. 50c each.

JERUSALEM ARTICHOKE—*Helianthus tuberosus*.

TROLLIUS, GLOBEFLOWER. Height, 10 to 16 in. Bright yellow flowers, double, $\frac{3}{4}$ in. across. Blooms in May-June. Grows in sun, in ordinary garden soil. 45c each; 3 for 85c; 10 for \$2.10.

COLUMBINE---Aquilegia. Mixed colors. $1\frac{1}{2}$ to 2 ft. high, long spurs. Grows in sun or light shade. 50c each; 10 for \$3.00.

CANDYTUFT---Iberis sempervirens. 9 to 12 in. high. Pure white flowers, in May-June. Grows in a variety of soils. 35c each.

TIGER LILY, DOUBLE. Flowers double, in July-Aug. Grows in sun, any good garden soil. 50c each; 3 for \$1.00; 10 for \$3.00.

LILY OF THE VALLEY. Very fragrant, white flowers. Grows best in part shade, in a variety of soils. 35c each; 10 for \$1.85.

CHIVES---Allium Scheenoprasum. Grows in clumps, Several stalks of pretty lavender flowers, in clusters.

25c each: 10 for \$1.25. Clumps 85c each.

MINTS. Grow in sun, in ordinary garden soil.

50c each: 3 of one kind 90c: 10 of one kind \$250.

SPEARMINT---Mentha spicata. 1 to 2 ft. high. Light purple flowers, in whorles, on branched stems.

PEPPERMINT---Mentha piperita. 1 to 2 ft. high. Purple to lavender flowers, in whorles, on branched stems

APPLE MINT---Mentha rotundifolia. $1\frac{1}{2}$ to 3 ft. high. Round leaves are soft and wooley. Flowers, light purple, in whorles.

AMERICAN APPLE MINT---Mentha gentilis variegata. About 1 foot high. Leaves smooth, grayish-green with streaks of yellow. Purple flowers, in whorles.

CURLY MINT---Mentha spicata. 1 to 2 ft. high. Leaves curly, dark green. Slender spikes are tipped with violet colored flowers.

ORANGE MINT---Mentha citrata. 1 to 2 ft. high. Leaves edged with a tinge of purple. Purple flowers grow at tips of short spikes.

PINEAPPLE MINT---Mentha rotundifolia variegata. 1 to 2 ft. high. Leaves wooly, light green with cream colored mottles. Flowers white.

MOSS USED IN FLOWER ARRANGEMENTS

CUSHION MOSS. Grows in round cushions, pale green.

3 in. diam. 40c; 5 in. 60c; 7 in. 80c.

SHEET ROCK MOSS. A little darker green than cushion moss.

6 in. 45c; 8 in. 75c; 10 in. 85c; 12 in. \$1.00.

DRY WOODS TOADSTOOLS

Used for flower arrangements and ornaments. Will last for years

3 in. 40c; 5 in. 60c; 7 in. 85c; 9 in. \$1.00; 12 in. \$1.50.

PLANTING OF WILD FLOWERS AND FERNS

Some kinds do best in sun, others in shade or part shade, some require acid soil, others moderately acid or neutral. It tells the kinds that need sun or shade, and the soil they grow in, where I give a description of the plants.

The soil and shade has more to do with the success of raising Wild Flowers and Ferns than any one factor.

A good place to plant the shade loving plants, are under trees, grape vine arbor, lath or slat house, on the north side of a building or in the forest.

Preparing The Soil

Spade or plow to a depth of 6 to 10 in. Organic matter added and mixed well into the soil, greatly improves their growth. If plant food is used apply and mix well into the soil before planting.

If soil is too alkaline, use powdered sulphur or aluminum sulphate, peat moss or sawdust also help to keep the soil acid. If soil is too acid use ordinary garden lime which is alkaline. It will add greatly to the success of raising Wild Flowers and Ferns to have your soil tested. Your State College of Agriculture will test it for you if you send them a sample. They usually charge a small fee. Or get a soil test kit and do the testing yourself. pH4 is very acid, pH5 is acid, pH6 is slightly acid, pH7 is neutral and pH8 is alkaline.

Planting

Most kinds of Wild Flowers plant so the crown of the plant is even with top of soil, or not more than 1 in. under, unless otherwise stated in catalog.

Dig holes or trench and spread the roots out, press the soil firmly around the plants. This is especially important when planting in the fall. If the soil is dry at planting time water well, until the roots get started.

Plant Violets so the crown is even with top of soil.

Plant Ferns so the crown is even with top of soil, except a few kinds which are described in catalog. Mulch the same as wild flowers only remove mulch from crowns in the spring, and leave it between the plants.

Mulching

Mulch in the fall after planting, using from 1 to 2 in. Leave the mulch on in the spring, it helps keep the soil from drying out. Spring planting, spread the mulch around the plants.

Good mulches to use for acid loving plants are pine needles, sawdust, peat moss, also leaves from soft maple, oak and beech.

Mulches to use for plants that require slightly acid or neutral soil, are leaves from butternut, ash, poplar, hard maple, elm, basswood, willow, tulip tree, hickory and birches, also lawn clippings, hay, straw, corncobs and garden plants.

Plant Foods

Good plant foods are well rotted manure, compost, bone meal and soil from the forest. Mix well into the soil before planting, or spread around plants in spring or summer. One fourth inch of pulverized cow, rabbit, sheep, chicken or horse manure can be applied around plants in midsummer, don't apply after Aug. 15. Before using manure around acid-loving plants, add to it 2 tablespoonfuls of powdered sulphur per bucket of manure.

If plants are already established and soil is too alkaline, lay aside the mulch, take equal parts of powdered sulphur and aluminum sulphate and sprinkle about 1 tablespoonful on the ground around each plant (not on the plant), and replace the mulch. If soil is too acid, sprinkle about 2 tablespoonfuls of garden lime around each plant.

INDEX COMMON NAMES

	Page
A lum Root.....	15
American Apple Mint.....	26
Apple Mint.....	26
Aster, Heath.....	13
Aster, Large-Leaved.....	13
Aster, New England.....	14
Aster, Purple Stemmed.....	14
Aster, White.....	14
Aster, White Wood.....	14
Aster, Wood.....	14
B aneberry, Red.....	2
Baneberry, White.....	2
Bee Balm, Wild Bergamot.....	5
Bee Balm, pink.....	5
Berry Bladder Fern.....	20
Birdsfoot Violet.....	17
Bi-Colored Birdsfoot Violet.....	17
Bloodroot.....	7
Bloodroot, Double.....	7
Broad Beech Fern.....	23
Bunchberry, Dwarf Cornel.....	2
Butter and Eggs.....	4
Blue Vervain.....	18
Blue Flag, Iris.....	12
Blue Cohosh.....	10
C anada Mayflower.....	11
Candytuft.....	26
Canada Violet.....	17
Canada Anemone.....	16
Cattail.....	12
Catnip.....	10
Cardinal Flower.....	3
Celandine.....	8
Chives.....	26
Chinese Lantern.....	25
Checkerberry.....	13
Christmas Fern.....	20
Cinnamon Fern.....	20
Clematis, Virgin's Bower.....	11
Coltsfoot.....	15
Columbine.....	26
Common Milkweed.....	11
Common Blue Violet.....	17
Common Grape Fern.....	24
Common Bladder Fern.....	24
Common Polypody, Rock Cap Fern.....	24
Confederate Violet.....	19
Creeping Charley, Moneywort.....	13
Crested Shield, Crested Wood Fern.....	20
Crinkleroot, Two-Leaf.....	4
Crinkleroot, Three-Leaf.....	4
Curly Mint.....	26

Cushion Moss.....	27
D og Violet.....	17
Downy Yellow Violet.....	17
Dry Woods Toadstools.....	27
Dutchmans Breeches.....	9
E bony Spleenwort Fern.....	21
Evening Primrose.....	15
F airy Candles.....	6
Flat-Branch ground Pine.....	25
False Dragonhead.....	6
False Dragonhead, White.....	6
Foamflower.....	15
Fragrant Blue Violet.....	17
G entian, Closed.....	7
Geranium, Wood.....	6
Geranium, Musk.....	6
Ginseng.....	10
Ginseng, dwarf.....	10
Golden Seal.....	6
Golden Groundsel.....	5
Goldenrods, Yellow.....	12
Goldthread.....	16
Gouldies Fern.....	20
Great Blue Lobelia.....	12
Ground Cedar.....	25
Ground Ivy.....	15
H airy Lip Fern.....	20
Hartford, Climbing Fern.....	21
Hay-Scented Fern.....	21
Hepatica, Sharp Lobe.....	3
Hepatica, Round Lobe.....	3
I ndian Cucumber-Root.....	3
Interrupted Fern.....	20
J ack-In-The-Pulpit.....	9
Jerusalem Artichoke.....	25
Jessies Red Violet.....	19
Joe-Pye-Weed.....	8
L adyslipper, Pink.....	13
Ladyslipper, Yellow.....	13
Ladyslipper, Showy.....	13
Lily Of The Valley.....	26
Longspur Violet.....	17
M aidenhair Fern.....	22
Maltese Cross.....	25
Marginal Shield Fern.....	21
Mandrake Mayapple.....	4
Marsh Marigold.....	12
Marsh Fern.....	22
Merrybells, Bellwort.....	7

Merrybells, Little.....	7
Miterwort, Bishops-Cap.....	9
Mottled Violet.....	19
Mountain Shield Fern.....	22
Myrtle.....	25

N arrow Leaved Spleenwort Fern..	23
Narrow Beech Fern.....	23
New York Fern.....	23
Northern Lady Fern.....	23

O range Mint.....	26
Orange Hawkweed.....	16
Ostrich Fern.....	21

P ad Leaf Orchid.....	15
Pale Vio.et.....	19
Pale Early Violet.....	19
Partridgeberry.....	14
Peppermint.....	26
Phlox, Divartica.....	4
Phlox, White.....	4
Phlox, Wild.....	4
Pitcher Plant.....	7
Pineapple Mint.....	26
Pink Phlox.....	25
Plantain-Leaved Sedge.....	18
Poke.....	18

R attlesnake Fern.....	24
Rosybellis.....	7
Round Leaf Yellow Violet.....	19
Royal Robe Violet.....	19
Royal Fern.....	22
Running Pine.....	25
Rattlesnake Plantain.....	12

S olomon's Seal.....	8
Starry Solomon Plume.....	8
Solomon-Plume, False Solomon's Seal	8
Sarsaparilla, Wild.....	4
Sensitive Fern.....	22
Sheet Rock Moss.....	27
Shining Club Moss.....	25
Silvery Spleenwort Fern.....	21
Smooth Yellow Violet.....	19

Snakeroot, White.....	10
Spearmint.....	26
Spiderwort.....	12
Spikenard.....	3
Spring Beauty.....	9
Squirrel Corn.....	9
Stoneroot, Citronelia.....	10
Star Violet.....	16
Swamp Milkweed.....	16
Sweet White Violet.....	19

T all Meadow Rue.....	3
Tiger Lily.....	26
Trillium, Painted.....	5
Trillium, Purple.....	5
Trillium, White Large Flowered...	5
Trillium, Nodding.....	5
Troutlily.....	9
Trollius, Globe Flower.....	26
Toothed Wood Fern.....	23
Turtlehead, White.....	8
Turtlehead, Pink.....	8
Twin Leaf.....	6

U mbrella Fern.....	22
----------------------------	----

V erbenas, Midland.....	18
Virginia Chain Fern.....	23

W aterleaf, Virginia.....	14
Waterleaf, Broadleaved.....	11
Waterleaf, Lavender.....	11
Wild Ginger, Canada Snakeroot..	15
Wild Ginger, Mottled.....	11
Wild Calla.....	12
Wild White Strawberry.....	16
Wood Strawberry.....	16
Wood Sorrel, Oxalis.....	11
Wood Leek.....	8
Wood Betony.....	10

Y ellow Phlox.....	25
Yellow Beadlily.....	18
Yellow Hawkweed.....	16

